IN THE CLAIMS:

Please amend the claims as shown below. The claims, as currently pending in the application, read as follows:

1. (Currently Amended) An electric charging apparatus ~~for holding and charging a secondary battery, the electric charging apparatus~~ being attachable to a printer that ~~can be~~ is driven with electric power supplied from said electric charging apparatus ~~the secondary battery~~ while [[the]] said electric charging apparatus is attached to the printer, said electric charging apparatus comprising:

a battery;

a terminal configured to supply electric power from ~~the secondary~~ said battery ~~held in the electric charging apparatus~~ to the printer ~~to which~~ while [[the]] said electric charging apparatus is attached to the printer;

a reception ~~means for receiving~~ unit configured to receive, from the printer, residual capacity information corresponding to a battery residual capacity of ~~the secondary~~ said battery;

a display ~~means for displaying~~ unit configured to display the battery residual capacity of ~~the secondary~~ said battery; and

a display control ~~means for causing~~ unit configured to cause said display ~~means~~ unit to display the battery residual capacity of ~~the secondary~~ said battery based on the residual capacity information received from the printer by said reception ~~means~~ unit,

wherein the residual capacity of ~~the secondary~~ said battery is detected by the printer based on the electric power being supplied via [[the]] said terminal from ~~the~~

~~secondary~~ said battery to the printer while the electric charging apparatus is attached to said printer.

2. (Currently Amended) The charging apparatus according to claim 1, wherein said display control ~~means~~ unit displays a display pattern in correspondence with the residual capacity information.

3. (Currently Amended) The charging apparatus according to claim 1, further comprising:

an electric power input ~~means for inputting~~ unit configured to input a driving voltage based on a commercial power source; and

a power source relay ~~means for relay-outputting~~ unit configured to relay-output the driving voltage input ~~inputted~~ by said electric power input ~~means~~ unit, in addition to an output voltage from ~~the secondary~~ said battery, to the printer.

4. (Currently Amended) The charging apparatus according to claim 3, wherein said power source relay ~~means~~ unit selects the higher of the output voltage from ~~the secondary~~ said battery and the driving voltage from said electric power input ~~means~~ unit, and supplies the selected voltage.

5. (Currently Amended) A printer, to which an electric charging unit for holding and charging a ~~secondary~~ battery is attachable, and that ~~can be~~ is driven with

electric power from the ~~secondary~~ battery while the electric charging unit is attached to said printer, said printer comprising:

a reception ~~means for receiving~~ unit configured to receive electric power supplied from the ~~secondary~~ battery held in the electric charging unit ~~to which~~ while the electric charging unit is attached to said printer ~~is attached~~;

a residual capacity detection ~~means for detecting~~ unit configured to detect a battery residual capacity of the ~~secondary~~ battery held in the electric charging unit based on the electric power received by said reception ~~means~~ unit, in a state where a consumption power of [[the]] said printer is approximately constant while the electric charging unit is attached to said printer; and

a residual capacity transmission ~~means for transmitting~~ unit configured to transmit, to the electric charging unit, residual capacity information corresponding to the battery residual capacity detected by said residual capacity detection ~~means~~ unit.

6. (Currently Amended) The printer according to claim 5, wherein said residual capacity detection ~~means~~ unit detects the residual capacity based on an output voltage from the ~~secondary~~ battery.

7. (Previously Presented) The printer according to claim 5, wherein said printer is an image printing apparatus which performs image printing by driving a print head.

8. (Previously Presented) The printer according to claim 7, wherein said image printing apparatus is an ink jet printing apparatus which forms an image on a printing medium by discharging ink from the print head.

9. (Currently Amended) A battery residual capacity display control method in an electric charging apparatus for holding and charging a ~~secondary~~ battery, the electric charging apparatus ~~being attachable~~ being attached to a printer that ~~can be~~ is driven with the ~~secondary~~ battery while the electric charging apparatus is attached to the printer, said method comprising:

a step of supplying electric power from the ~~secondary~~ battery held in the electric charging apparatus to the printer ~~to which~~ while the electric charging apparatus is attached to the printer;

a reception step of receiving by the electric charging apparatus, from the printer, residual capacity information corresponding to a battery residual capacity of the ~~secondary~~ battery while the electric charging apparatus is attached to the printer; and

a display control step of causing a display unit of the electric charging apparatus to display the battery residual capacity of the ~~secondary~~ battery based on the residual capacity information received in said reception step,

wherein the residual capacity of the ~~secondary~~ battery is detected by the printer based on the electric power being supplied from the ~~secondary~~ battery to the printer via a terminal of the electric charging apparatus.

10. (Currently Amended) A battery residual capacity detection method in a printer, to which an electric charging unit for holding and charging a ~~secondary~~ battery is attachable, and that ~~can be~~ is driven with electric power from the ~~secondary~~ battery while the electric charging unit is attached to said printer, said method comprising:

a reception step of the printer receiving electric power supplied from the ~~secondary~~ battery held in the electric charging unit ~~to which~~ while the electric charging unit is attached to the printer ~~is attached~~;

a residual capacity detection step of the printer detecting a battery residual capacity of the ~~secondary~~ battery held in the electric charging unit based on the electric power received in said reception step, in a state where a consumption of power of the printer is approximately constant while the electric charging unit is attached to the printer; and

a residual capacity transmission step of transmitting by the printer, to the electric charging unit, residual capacity information corresponding to the battery residual capacity detected in said residual capacity detection step.

11. (Cancelled).

12. (Currently Amended) An electric charging apparatus ~~for holding and charging a secondary battery, the electric charging apparatus~~ being attachable to a printer that ~~can be~~ is driven with ~~the secondary battery~~ electric power supplied from said electric charging apparatus while [[the]] said electric charging apparatus is attached to the printer, said electric charging apparatus comprising:

a battery;

a terminal configured to supply electric power from ~~the secondary~~ said battery ~~held in the electric charging apparatus~~ to the printer ~~which the~~ while said electric charging apparatus is attached to the printer;

a communication unit configured to perform communication with the printer;

a display unit configured to display a battery residual capacity of ~~the secondary~~ said battery;

a display control unit configured to, when residual capacity information corresponding to the battery residual capacity of ~~the secondary~~ said battery is received from the printer via [[the]] said communication unit, display the battery residual capacity on the display unit based on the residual capacity information; and

a control unit configured to control electric charging of ~~the secondary~~ said battery in accordance with the residual capacity information,

wherein the battery residual capacity of ~~the secondary~~ said battery is detected by the printer based on the electric power being supplied via the terminal from ~~the secondary~~ said battery to the printer, while the electric charging apparatus is attached to the printer.